

Fw: Animas

Andrew_Longworth to: Forrest.Sabrina, Megan_Dudevoir

12/13/2010 08:35 AM

From: Andrew_Longworth@URSCorp.com

To:

Cc: "William Simon" <wsimon@frontier.net>

Please take a look at these links. I was not sure if this was supposed to link me to the rest of the data or not.

The page <http://waterinfo.org/arsg/indexinfo.html> has a link to DATA at the top of it, clicking this link sends me to a page that is not found on the waterinfo web site.

I'm sorry if my earlier email was not clear, the Church report states that Cement Creek was treated until 1999 then Gold King was treated between 2002 and 2003. It appears that no treatment was undertaken from 1999 to 2002, I believe this explains the jump in the concentrations.

Please let me know if you have any other questions or concerns.

Thanks,

ANDREW LONGWORTH

URS OPERATING SERVICES, INC.

1099 18th Street, Suite 710

Denver, Colorado, 80202

Tel: (303) 291-8248

Cell: (720) 810-0780

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Andrew_Longworth@URSCorp.com

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----- Forwarded by Andrew Longworth/Denver/URSCorp on 12/13/2010 08:26 AM -----

Andrew Longworth/Denver/URSCorp

11/22/2010 02:19 PM

To Forrest.Sabrina@epamail.epa.gov

cc Megan_Dudevoir@URSCorp.com

Subject Re: Fw: Animas [Link](#)

There is a broken link which points here for all the data from 1990 to present on this page:

<http://waterinfo.org/arsg/indexinfo.html>

The link is

<http://www.waterinfo.org/arsg/main.html#data>

The only place that I was able to get data from was here:

<http://waterinfo.org/arsg/index.html#data> - I have compiled the data but do not see anything from 2005 onwards

Assuming we do indeed have all the available data compiled which format do you prefer?

Thanks,

ANDREW LONGWORTH

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Forrest.Sabrina@epamail.epa.gov

11/22/2010 01:56 PM

To: andrew_longworth@urscorp.com

cc

Subject: Fw: Animas

Bill Simon seems to think all the data are up on their page.....

Sincerely,

Sabrina Forrest
NPL Coordinator &
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
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----- Forwarded by Sabrina Forrest/R8/USEPA/US on 11/22/2010 01:55 PM -----

From: "William Simon" <wsimon@frontier.net>

To: Sabrina Forrest/R8/USEPA/US@EPA

Date: 11/22/2010 12:48 PM

Subject: RE: Animas

See below; I'M MIGHTY BUSY.

-----Original Message-----

From: Forrest.Sabrina@epamail.epa.gov

[<mailto:Forrest.Sabrina@epamail.epa.gov>]

Sent: Monday, November 22, 2010 11:07 AM

To: pbutler@wildblue.net; wsimon@frontier.net; fearneng@rmi.net

Subject: Fw: Animas

We are also looking at trends to take to the discussion tomorrow night.

Here are a couple of charts that START is helping put together for Steve and me. They identified a large gap in analytical data they are looking at from the USGS gauges. Are there any more Riverwatch, DOW, BOR, or other analytical data for the 2004-2009 period from the four gauges in Silverton? ALL AVAILABLE DATA ARE ON OUR WEB SITE--THROUGH NOV. 2009.

Also, do you know what caused the 1999 spike on the Cd chart? NO, COULD IT BE DETECTION LIMITS?

Hopefully the weather will cooperate and we will see you all tomorrow evening.

Sincerely,

Sabrina Forrest

NPL Coordinator &

Site Assessment Manager

U.S. Environmental Protection Agency

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----- Forwarded by Sabrina Forrest/R8/USEPA/US on 11/22/2010 11:02 AM

From: Andrew_Longworth@URSCorp.com

To: Sabrina Forrest/R8/USEPA/US@EPA

Cc: "Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>, Steven
Way/R8/USEPA/US@EPA

Date: 11/22/2010 10:24 AM

Subject: Re: Animas

Sabrina,

Here are two examples of possible data presentations:

I have plotted November data as it is a consistent data set across the highest number of years, meaning that we can present the data without too much manipulation.

Steve said he wanted a line graph, the best way to do this is to smooth

the data with a 3rd order regression. However the data from before and after treatment plant closure are really from different data populations and it is not necessary accurate to plot them as being connected.

The Zinc chart shows a jump after 2003, but the data from 1999 and 2000 tends to diminish the validity of this jump, I am hoping that the data from 2005 to 2009 would provide a more robust distinction between the data sets.

Thanks,

ANDREW LONGWORTH

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Forrest.Sabrina@epam

ail.epa.gov

To

11/22/2010 09:33 AM Andrew_Longworth@URSCorp.com

cc

"Megan Dudevoir"

<Megan_Dudevoir@URSCorp.com> ,

Way.Steven@epamail.epa.gov

Subject

Re: Animas

Can you send us something to look at? Then maybe I can talk with the ARSG to see what they have that is not in their public database that could help.

Sincerely,

Sabrina Forrest

NPL Coordinator &

Site Assessment Manager

U.S. Environmental Protection Agency

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From: Andrew_Longworth@URSCorp.com
To: Steven Way/R8/USEPA/US@EPA, Sabrina
Forrest/R8/USEPA/US@EPA,
"Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>
Date: 11/22/2010 09:23 AM
Subject: Animas

Steve/Sabrina

I crunched the data last Friday, it looks like we have good coverage for the time before the treatment plant shut down but the data gap from 04 to 09 is quite glaring. It makes it hard to draw conclusions and/or identify trends within the data. Is there any way we can get the data for this time period?

Thanks
Andrew

(See attached file: Zinc3rdOrder.pdf)(See attached file: CadmiumBar.pdf)